VP-4 Motion Detection

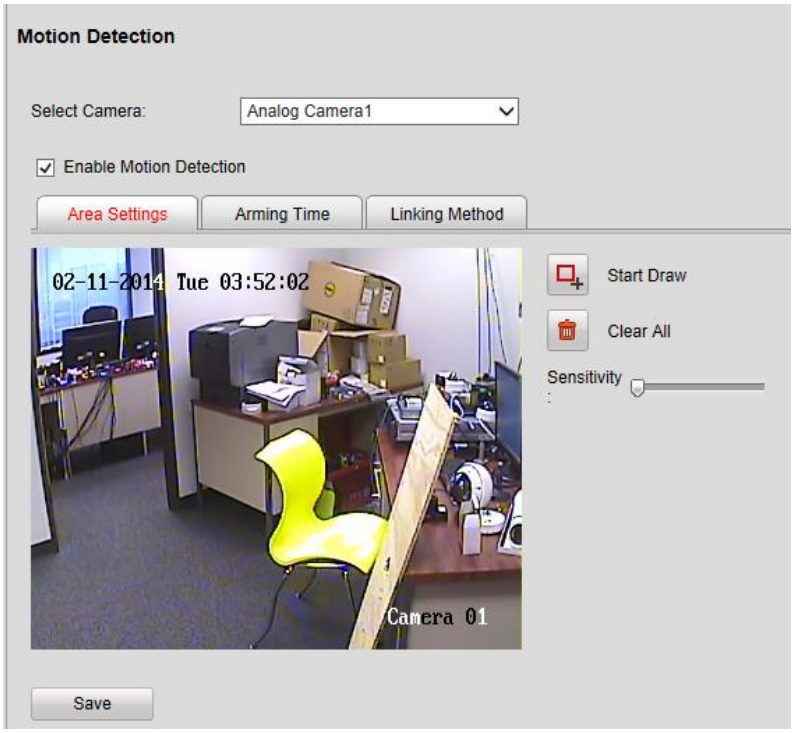
This document discusses how to properly configure motion detection for Advidia VP-4. This document only covers the VP-4 encoder.

For information on motion detection for other Advidia devices, please see their respective manuals.

Motion detection configuration can found under Configuration\Remote Configuration\Camera Settings\Motion Detection

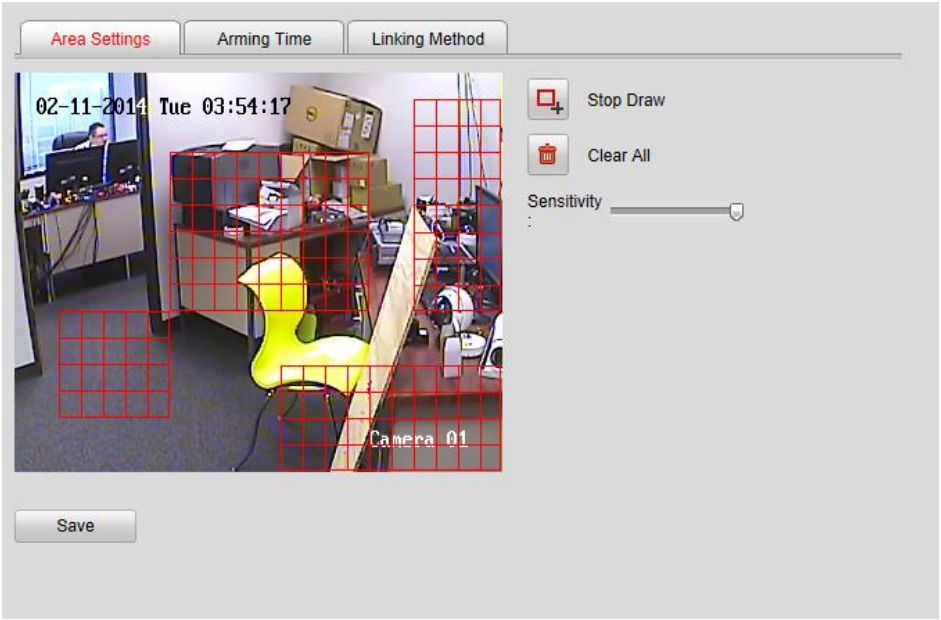
Select the camera motion detection needs to be configured for and click the **Enable Motion Detection** box to access the configuration options.

Area Settings allows you to define the zones motion will be detected in. A zone is required for motion detection to work. There is no limit to the number of zones you can create, but zones overlapping become one large zone.

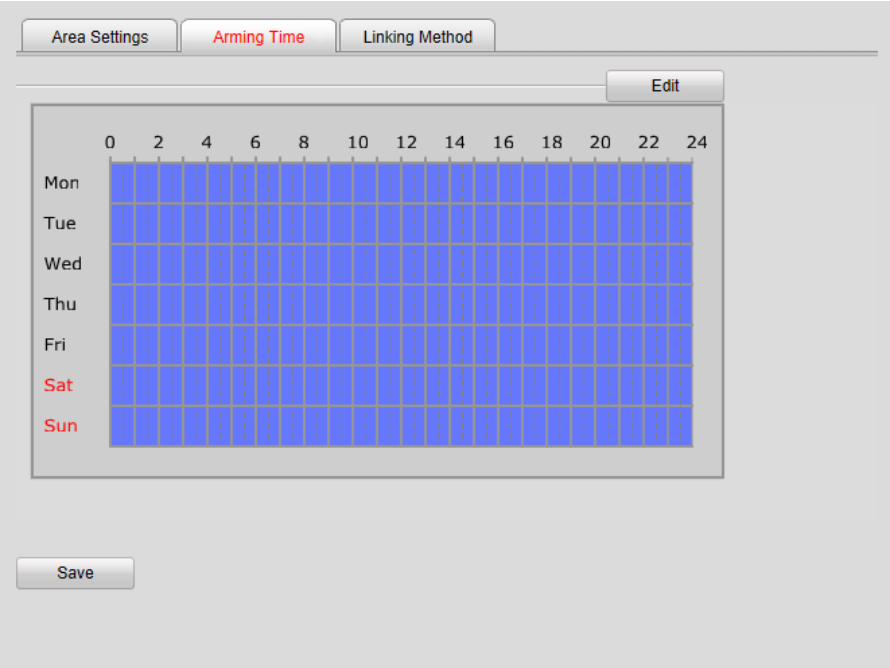


To begin drawing zones, click the **Start Draw.**

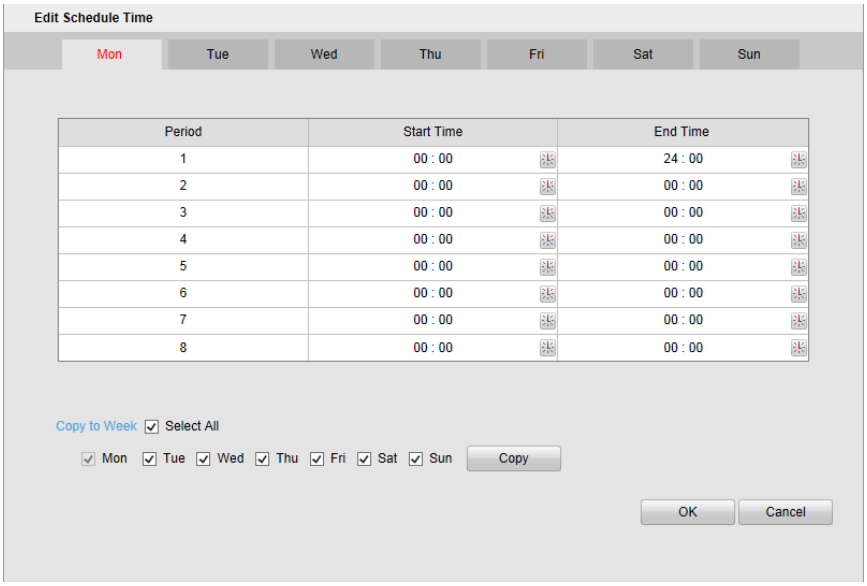
The **Sensitivity Slider** determines how many pixels must change for motion to be detected. The further right the slider is moved, the more sensitive the motion detection. The maximum Sensitivity is 6.



Once the Zones and Sensitivity have been configured, click **Save** and select the **Arming Time** tab.

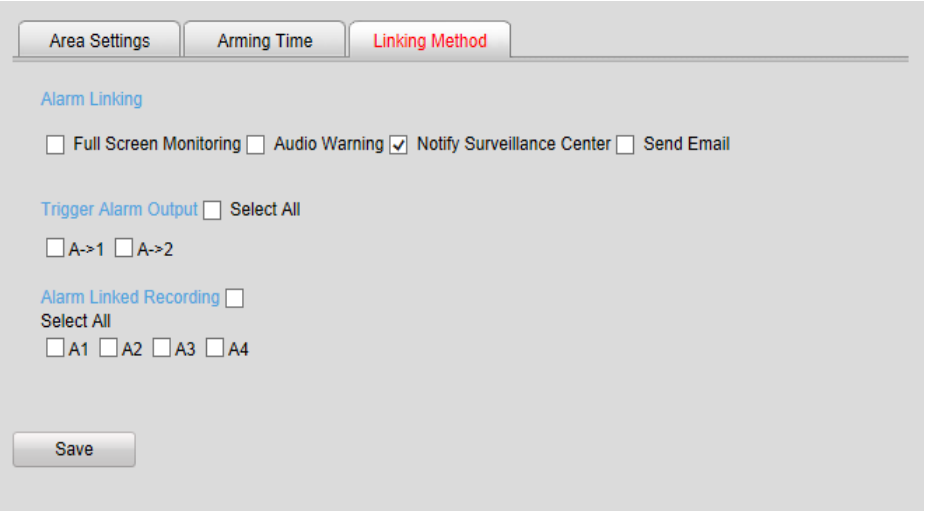


Arming Time determines when motion detection is turned on. If no schedule is made, then motion detection will not work. To edit the Schedule, click **Edit**.



Different periods can be used to turn motion detection on/off for certain times of the day. If motion detection is needed for the entire day, use a Start Time of 00:00 and an End Time of 24:00.

You can also copy the schedule to the remainder of the week or set up a custom schedule for each day. Once the schedules have been created, click **OK** to exit the Edit Time Schedule window and then **Save** to save your Arming Time.



Once Arming Time has been saved, move to the **Linkage Method** Tab.

Full Screen Monitoring will send an input channel to full screen while viewing the encoder Web Page.

Audio Warning will play a .wav file when motion is detected while viewing the encoder Web Page.

Notify Surveillance Center will send the motion alerts will trigger the IP Server to start recording when using Camera Side Motion Detection.

Send Email will send an email notification to an email configured under SMTP settings in Network Properties.

Trigger Alarm Output will activate a digital output based on Motion.

Alarm Linked Recording will write the video to an attached hard drive or NAS without first going through IP Server.

Once all Triggers have been linked, click **Save** to have the Encoder start detecting motion.

In summary, some key points to remember are:

1. **At least one zone is required for Motion Detection to work.**
2. **If there is no Arming Time configured, Motion Detection will not work.**
3. **If Notify Surveillance Center is not checked under Linking Method, IP Server will not receive motion events from the device.**